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APR 03 2009

CASE NO.: 50T5561.01

Serial No.: 10/666,724

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1. (currently amended) A system, comprising:  
  
a source of multimedia data; and  
  
a displayer of multimedia data mounted in a room in which the source is disposed, the source wirelessly transmitting the multimedia data in an uncompressed form to the displayer on a primary link at approximately sixty GigaHertz (60GHz), wherein the primary link has a data rate of at least two Giga bits per second (2.0 Gbps) and the primary link has a bandwidth of approximately 2.5GHz, the source and displayer not being disposed together in a common package, wherein the displayer sends to the source signals indicating at least one display capability of the displayer.
2. (original) The system of Claim 1, wherein the displayer is a projector.
3. (canceled).
4. (original) The system of Claim 1, wherein the primary link is a full duplex link.
5. (previously presented) The system of Claim 1, wherein at least one of: encryption keys, displayer control signals, capability signals, are multiplexed with the multimedia data on the primary link.
6. (previously presented) The system of Claim 1, wherein the displayer and source further communicate at least one of: encryption keys, displayer control signals, capability signals, on a secondary link having a data rate lower than the data rate of the primary link.

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7. (currently amended) A system, comprising:
- a source of multimedia data; and
- a displayer of multimedia data mounted in a room in which the source is disposed, the source
- wirelessly transmitting the multimedia data in an uncompressed form to the displayer on a primary
- link at approximately sixty GigaHertz (60GHz), wherein the primary link has a data rate of at least
- two Giga bits per second (2.0 Gbps) and the primary link has a bandwidth of approximately 2.5GHz.

~~The system of Claim 1,~~ wherein control signals are sent between the source and displayer, at least some control signals indicating a reception condition at the receiver useful for establishing at least one of: a source transmission power level, a source antenna beam directivity control.

8. (original) The system of Claim 1, wherein the data is high definition (HD) multimedia data.

9. (currently amended) A method for transmitting multimedia data, comprising:
- disposing a multimedia transmitter and a multimedia receiver in a room on different surfaces from each other;
- establishing a wireless link between the transmitter and receiver; and
- wirelessly transmitting a multimedia signal on the link from the transmitter to the receiver at a frequency sufficiently high that the signal substantially cannot be received outside the room, signals
- being exchanged between the transmitter and receiver to define a power level used by the transmitter.

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10. (original) The method of Claim 9, wherein the multimedia signal carries uncompressed high definition multimedia data.

11. (original) The method of Claim 9, wherein the frequency is approximately sixty GigaHertz (60GHz).

12. (original) The method of Claim 11, wherein the link has a data rate of at least two Giga bits per second (2.0 Gbps).

13. (canceled).

14. (previously presented) The method of Claim 9, wherein at least one of: encryption keys, player control signals, capability signals, are multiplexed with multimedia data on the link.

15. (previously presented) The method of Claim 9, at least one of: encryption keys, player control signals, capability signals, are communicated between the transmitter and receiver on a secondary link.

16. (currently amended) The method of Claim 9, wherein control signals are sent between the transmitter and receiver, at least some control signals being useful for establishing ~~at least one of: a transmission power level,~~ a transmitter antenna beam control.

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17. (currently amended) A computer comprising:

means for storing multimedia data; and

means for wirelessly transmitting, to a receiver, the multimedia data in uncompressed form on a link having a frequency of approximately sixty GigaHertz (60GHz) ~~such that unless the receiver is in the same room as the computer it substantially cannot receive the multimedia data~~, wherein capability signals are multiplexed with the multimedia data on the link to adjust a directivity of an antenna beam.

18. (original) The computer of Claim 17, wherein the multimedia data is transmitted from the computer to the receiver on a primary link.

19. (original) The computer of Claim 18, wherein the primary link is a full duplex link.

20, 21. (canceled).

22. (previously presented) The computer of Claim 17, wherein control signals are sent between the computer and receiver, at least some control signals being useful for establishing at least one of: a multimedia player transmission power level, a multimedia player antenna beam control.

23. (original) The multimedia player of Claim 17; wherein the multimedia data is high definition (HD) multimedia data.

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24. (currently amended) A multimedia player comprising:

means for storing multimedia data; and

means for wirelessly receiving, from a transmitter, the multimedia data in uncompressed form on a primary link at a frequency of approximately sixty GigaHertz (60GHz), and a data rate of approximately two and a two tenths Giga bits per second (2.2 Gbps), such that unless the transmitter is in the same room as the multimedia player the multimedia player substantially cannot receive the multimedia data, wherein the multimedia player and transmitter further communicate capability signals on a secondary link having a data rate lower than the data rate of the primary link, the capability signals not including encryption keys or video display function signals including trick play mode signals.

25. (canceled).

26. (previously presented) The multimedia player of Claim 24, wherein the primary link is a full duplex link.

27, 28. (canceled).

29. (previously presented) The multimedia player of Claim 24, wherein control signals are sent between the multimedia player and transmitter, at least some control signals being useful for establishing at least one of: a transmission power level, an antenna beam control.

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30. (original) The multimedia player of Claim 24, wherein the multimedia data is high definition (HD) multimedia data.

31. (currently amended) A system, comprising:

a source of multimedia data; and

a display for the multimedia data, the source wirelessly transmitting the multimedia data in an uncompressed form to the display on a primary link at approximately sixty GigaHertz (60GHz), wherein control signals are sent between the source and display, at least some control signals being useful for establishing a source antenna beam form control.

32. (original) The system of Claim 31, wherein the source of multimedia data is a set-top box like device capable of decoding compressed multimedia content as received from at least one of: satellite, cable, terrestrial broadcast, internet streaming.

33. (previously presented) The system of Claim 31, wherein the display is selected from the group consisting of cathode ray tubes (CRT), liquid crystal displays (LCD), plasma display panels (PDP), and TFTs.

34. (original) The system of Claim 31, wherein the primary link has a data rate of approximately two and a half gigabytes per second (2.5 Gbps).

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35. (original) The system of Claim 31, wherein the primary link is a full duplex link.

36. (previously presented) The system of Claim 31, wherein at least one of: encryption keys, player control signals, capability signals, are multiplexed with the multimedia data on the primary link.

37. (previously presented) The system of Claim 31, wherein the player and source further communicate at least one of: encryption keys, player control signals, capability signals, on a secondary link having a data rate lower than the data rate of the primary link.

38. (canceled).

39. (original) The system of Claim 31, wherein the data is high definition (HD) multimedia data.

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